

Epoxser 92.000

Code A31192000

PRODUCT DESCRIPTION

Bi-component epoxy solvent based ink with glossy finishing.

APPLICATION FIELDS

Epoxser series is particularly indicated for printing of inert materials, such as metal, wood and glass. Furthermore, it is possible to print this product onto treated polyolefinic materials.

APPLICATIVE PROCESS

Substrates	ALUMINIUM, METALS, WOOD, GLASS, TREATED PP AND PE
Th/Cm	From 77 to 120 Th/cm
Emulsion	See the product range table
Squeegee	Square edge Squeegee hardness 70-75 Shores
Drying	48 hours at room temperature Into oven, at 150°C for 20 minutes
Catalyst	Epoxser Catalyst 25% to colours and 50% to transparent Epoxser Special Catalyst Max. 10% (specific for glass)
Thinners	<ul style="list-style-type: none"> • Thinner 90.922 ECO Normal • Thinner 90.918 Slow
Retarder	90.931 Extra Slow Odourless (code A31890931001)
Levelling Agent	Levelling 90.970 (code A31890970000) Max. 2%
Cleaning	Solvent LQ 90.920
Storage	If kept in its original sealed package, the product has a shelflife of 2 years.
Packaging	See the product range table
Safety data sheet	Available upon request

GENERAL FEATURES

- High chemical and physical resistances
- Excellent opacity
- Excellent printability
- Excellent adhesion onto glass and metals
- High glossy level

PREPARATION

Before using it, the ink must be catalyzed, by adding one of the following products:

- Epoxser Catalyst: 25% to colours and metal inks and 50% to transparent inks.
- Epoxser Special Catalyst: 10% to the whole series (specific for glass).

Furthermore, the ink must be mixed well and, in case, diluted, according to printing requirements.

TECHNICAL FEATURES

The performance of the product, printed with a 120 th/cm screen, is 50-60 m²/kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment. The best chemical resistances are achieved by drying the ink film at 150°C for 20-30 minutes, through a static or hot air oven.

Epoxser series has an outdoor resistance (inclement weather, sunlight) up to 1 year. These data are highly influenced by the kind of substrate to be printed, the altitude, the geographical position and the air pollution.

The addition of high percentages of white or transparent base to the ink causes a substantial reduction in its light resistance.

PRODUCT RANGE

BLACKS AND WHITES

CODE	PRODUCT	PACK
A31192101001	OPAQUE WHITE TOYS	1 kg
A31192701001	OPAQUE BLACK TOYS	1 kg

OPAQUE COLOURS

CODE	PRODUCT	PACK
A31192201001	LEMON YELLOW TOYS	1 kg
A31192202001	CHROME YELLOW TOYS	1 kg
A31192303001	RED TOYS	1 kg
A31192304001	RUBY RED TOYS	1 kg
A31192343001	PINCK TOYS	1 kg
A31192403001	ULTRAMARINE BLUE TOYS	1 kg
A31192440001	VIOLET TOYS	1 kg

OTHER PRODUCTS

CODE	PRODUCT	PACK
A31192125001	SILVER TOYS	1 kg
A31192424001	P.RICH GOLD	1 kg
A31192800001	TRANSPARENT	1 kg
A3149259900-	CATALYST	250 g and 1 kg
A3149260000-	SPECIAL CATALYST	100 g and 1 kg

In order to prepare metal or fluorescent colours, it is possible to add pigments (code A31196000) to Epoxser Transparent Base A31192800001, according to the following percentages:

- 10-15% silver powder
- 20-25% gold powder
- 20-30% fluorescent pigment

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us of the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

WARNING

This technical data sheet does not replace either the Safety Data Sheet or the specific Conformity Declaration. These documents may be required to our SHEQ (Product safety office), at the following e-mail address: safety@eptainks.com

The technical data sheet does not relieve the printer, who remains the only responsible of the respect of the regulations, the specifications and the related required certifications of the finished items.